



Click [here](#) for the 3D model.

Dimensions

L	5.5mm MAX
W	5mm +/-0.2mm
T	3mm MAX
LL	1.1mm NOM
G	2.5mm +/-0.2mm

Packaging Specifications

Packaging	T&R, 380mm
Packaging Quantity	3500

General Information

Series	MPLCG
Style	SMD
Chip Size	0530(2120)
Description	Shielded, Surface Mount Inductor
Features	Large Current Inductors
RoHS	Yes
Core	Composite
Miscellaneous	40 (K) Temperature Rise Max.

Specifications

Inductance	0.47 uH
Inductance Tolerance	20%
Temperature Range	-40/+125°C
Rated Temperature	120°C
Shielded	Yes
Current	8.7 A (Isat, 20% Drop In Inductance), 9.3 A (Irms, 40C Rise By Self Heating)
DC Resistance	5 mOhms